



NEW JERSEY WEEKLY CROP WEATHER

New Jersey Field Office

In Cooperation With:
U.S. Department of Agriculture
National Agricultural Statistics Service
Agricultural Marketing Service
U.S. Department of Commerce/N.O.A.A.
Rutgers University

NOAA WEATHER RADIO STATIONS

Allentown
WXL-39 on the VHF-FM
frequency of 162.40 Megahertz.
Atlantic City
KHB-38 on the VHF-FM
frequency of 162.40 Megahertz.
New York City
KWO-35 on the VHF-FM
frequency of 160.55 Megahertz.
Philadelphia
KIH-28 on the VHF-FM
frequency of 162.475 Megahertz.

NEW JERSEY AUCTIONS

Vineland
Phone: (856)691-0721
Sales 10:00AM Daily except Sunday.
Landisville
Phone: (856)697-2273
Direct Sales Daily
Swedesboro
Phone: (856)476-0313
Hightstown
Phone: (609)448-0193
Auction Sales Mon-Wed-Fri-7pm

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Date: July 30, 2007

Agricultural Weather Advisory for New Jersey and Southeastern Pennsylvania Issued by Rutgers University New Brunswick NJ 8 am EDT Monday, July 30, 2007

Rainfall amounts, a tenth to a quarter of an inch today and tonight, none Tuesday.

Winds for spraying, light and variable around 5 mph today and tonight, with gusty winds possible near thunderstorms during both periods, north around 5 mph Tuesday.

Relative humidity in percent, 50 to 60 today, 90 to 100 tonight, 40 to 50 Tuesday.

Dew points, upper 60s today, mid 60s Tuesday.

Drying conditions, fair today, good Tuesday.

Frost freeze or dew, some dew and possible showers tonight, light dew Tuesday night.

Percent of possible sunshine, 40 today, 80 Tuesday.

There is a 30 percent probability, of precipitation during the 12 hour period beginning at 8 am and ending at 8 pm that could adversely affect the performance of pesticides that require a rain free period after application.

Estimated soil moisture in percent of field capacity is favorable in many northern and central locations, but unfavorable in much of the south. Overall soil moisture will increase over the past few days due to scattered showers and thunderstorms, and with a continuing possibility of rain today, irrigation will likely not be necessary. Warmer temperatures, clearing skies, and lower humidity may make irrigation necessary in drier areas Tuesday.

Conditions will be unfavorable for cranberry scald today and Tuesday as dew points remain high.

Hay cutting will only see poor to fair drying conditions today with a chance of scattered thundershowers along with mostly cloudy skies and high humidity. However, conditions will be good on Tuesday as temperatures warm and the atmosphere dries a bit.

The latest 8 to 14 day outlook for the period August 6, 2007 to August 12, 2007 is calling for temperatures to average above normal and precipitation to total below normal.

Climate summary for the week ending 8 am 7/30/07

Temperatures averaged below normal, averaging 72 degrees North, 72 degrees Central, and 75 degrees South. Extremes were 92 degrees at Downtown on July 29, 2007 and 52 degrees at Freehold on July 24, 2007.

Weekly rainfall averaged 2.50 inches North, 2.79 inches Central, and 0.29 inches South. The heaviest 24 hour total reported was 3.08 inches at Long Branch on July 24, 2007 to July 25, 2007.

Estimated soil moisture, in percent of field capacity, this past week averaged 93 percent North, 86 percent Central, and 54 percent South.

Four inch soil temperatures averaged 72 degrees North, 73 degrees Central, and 73 degrees South .

Weather Summary for the Week Ending 8 am Monday, July 30, 2007

Weather Stations	Rainfall			Temperatures				Growing Degree Days 1/		Soil Moisture 2/
	Last Week	Since March 1		Last Week						
		Total	Dept.*	Max.	Min.	Avg.	Dept.*	Total	Dept.*	
- Inches - - Degrees- - Base 50°F -										
NORTH										
Canoe Brook	2.70	33.78	13.27	88	54	73	-2	1899	377	86
Charlotteburg	2.33	24.93	4.26	86	57	72	-1	1647	480	85
Flemington	1.85	27.09	7.22	90	54	73	-1	1792	223	93
Newton	3.11	20.97	2.01	84	55	71	-3	1618	239	92
CENTRAL										
Freehold	2.38	27.52	8.26	86	52	72	-3	1974	290	100
Long Branch	4.48	27.51	8.38	83	55	71	-4	1753	147	100
New Brunswick	3.51	30.70	11.48	86	54	73	-2	1900	128	100
Toms River	2.54	22.32	2.57	87	54	72	-3	1812	200	85
Trenton	1.04	24.25	5.84	89	55	74	-3	1979	136	67
SOUTH										
Cape May C.H.	.59	12.34	-4.67	89	56	74	-3	1871	153	57
Downtown	.19	17.26	-.71	92	53	74	-3	1988	133	52
Glassboro	.30	20.84	1.89	91	57	76	-1	2207	376	44
Hammonton	.14	16.83	-2.17	91	54	74	-3	2048	219	44
Pomona	.43	17.38	.29	90	53	74	-1	1988	283	56
Seabrook	.09	17.37	-.01	91	57	76	-1	2212	350	43
South Harrison	.21	20.27	1.09	89	56	75	NA	2126	NA	NA

*Departure from normal.
1/Growing degree days since March 1, 2007, total and departure from normal or long term average.
2/Estimated soil moisture as % of field capacity based on climate data.

Soybeans Blooming

Days suitable for field work, for the week ending Sunday, July 29, 2007, were 5.5. Topsoil moisture was rated 15% very short, 35% short and 50% adequate. Irrigation water supply was rated 5% very short, 10% short and 85% adequate. There were measurable amounts of rainfall during the week in most localities. Temperatures were below normal for the beginning of the week, but rose to near normal by the middle of the week, in most areas of the Garden State. Corn continued to tassel across the state. Soybeans continued to bloom. Peach harvest began in some central localities. Producers continued spraying, and harvesting vegetables. Producers noted an increase in diseases of pumpkins and other cucurbits. Producers continued harvesting hay. Irrigation was necessary in some southern localities.

JERSEY FRESH AVAILABILITY FOR JULY 30, 2007

ARUGULA & CILANTRO	A light volume of fair to good quality product should continue to be available even with the warm temperatures.
BABY ARUGULA & BABY SPINACH	Harvesting good quality and quantity. Not as affected by the heat.
BASIL	Likes warmer weather. Harvesting good quality and quantity.
BLUEBERRIES	The late variety Elliott is available for a few weeks in light to decreasing volume. Fruit quality is very good.
BEETS	Harvesting good quality and quantity.
CABBAGE	Good quality and quantity.
CANTALOUPE & MELONS	Harvesting very good quality in good quantities.
COLLARDS	Fair to good quality harvesting in good quantity.
CUCUMBERS & PICKLES	Harvesting fair quantities in good quality as many farmers are between plantings right now.
DANDELIONS	Good quality and quantity of Spring planted San Pasquale variety.
DILL	Harvesting good quality in good quantity.
EGGPLANT	Harvesting a good volume of excellent quality product.
ESCAROLE & ENDIVE	Light supplies. Will be back in volume in mid-September.
KALE	Good quality product harvesting in good volume.
LEEK & GREEN ONIONS	A good volume of good quality product is available.
MINT	Good quality harvesting in good quantity. Likes the warmth.
NECTARINES	As the early Eastern Glo and Summer Beaut varieties are winding down in volume, a good steady volume of the more widely planted Sunglo variety will be available by mid-week in very good quality. Available through early September.
PARSLEY	Good quality products available in good quantities.
PEACHES	Freestone yellow varieties such as Redhaven, John Boy and Loring are winding down as Bounty varieties are expected next week. White Lady and Klondike variety white peaches are in peak volume. Peaches available through mid-September. Color, size, and brix are excellent.
PEPPERS	A large volume of excellent quality product is in the marketplace.
RADISHES	Temperature sensitive, a light quantity of good quality is available.
SPINACH	Light supplies. Will be back in volume in mid-September.
SQUASH	Harvesting fair quantities in good quality as many farmers are between plantings right now.
SWEET CORN	Good quality and quantity. Good wholesale availability until the week after Labor Day. Quantity and quality varies after that.
SWISS CHARD	A light to decreasing volume of fair quality available with this heat.
TOMATOES	A large volume of excellent quality product is in the marketplace.
TURNIPS	Harvesting good quality in light quantity with the heat.
WHITE POTATOES	Harvesting mainly round white varieties, with some Yukon Gold and redskin varieties as well. Source your New Jersey white potatoes in their distinctive “Jersey Fresh” bags.